

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C 371**

ATTORNEY'S DOCKET NUMBER  
3387.WWAR.PT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/560463

INTERNATIONAL APPLICATION NO.

PCT/AU2004/000784

INTERNATIONAL FILING DATE

15 June 2004

PRIORITY DATE CLAIMED

16 June 2003

TITLE OF INVENTION

IMPROVED PUMP IMPELLER

APPLICANT(S) FOR DO/EO/US

WALKER, Craig Ian and WATERMANN, Anton

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).- WO 2004/111463 A1
19.  A second copy of the English translation of the international application under 35 U.S.C. 154(d)(4).

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/AU2004/0000784	ATTORNEY'S DOCKET NUMBER 3387.WWAR.PT	
<p>20. Other items or information:</p> <ul style="list-style-type: none"> <li>- Copy of Amendments made to International Application under PCT Article 34</li> <li>- Statement Under 37 C.F.R. 3.73(b)</li> <li>- Courtesy Copy of International Search Report and Written Opinion</li> <li>- Return Postcard</li> </ul>			
The following fees have been submitted		CALCULATIONS      PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) . . . . . \$300		\$300.00	
22. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492(c))  If the written opinion prepared by the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT article 33(1)-(4) . . . \$0 All other situations . . . . . \$200		\$200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority . . . . . \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB . . . . . \$400 All other situations . . . . . \$500		\$400.00	
<b>TOTAL OF 21, 22 and 23 =</b>		\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
-100 =	/50 =		X \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	15 -20 =	0	X \$50.00
Independent claims	1-3 =	0	X \$200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
		<b>SUBTOTAL =</b>	\$900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+	\$
<b>TOTAL NATIONAL FEE =</b>		\$900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>		\$940.00	
		Amount to be refunded:	\$
		Amount to be charged:	\$

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a.  A check in the amount of \$ 940.00 to cover the above fees is enclosed.  
 b.  Please charge my Deposit Account No. 50-0881 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
     A duplicate copy of this sheet is enclosed.  
 c.  The Commissioner is hereby authorized to charge additional fees which may be required, or credit any overpayment  
     to deposit Account No. 50-0881. A duplicate copy of this sheet is enclosed.  
 d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card**  
     **information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO :

Julie K. Morris  
 MORRISS O'BRYANT COMPAGNI, PC  
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SIGNATURE Julie K. Morris  
 NAME Julie K. Morris  
 REGISTRATION NUMBER 33,263

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that the items listed above in this transmittal sheet are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: MAIL STOP PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450.

Typed or Printed Name	Julie K. Morris	Express Mail No.	EV 668311869 US
Signature	<u>Julie K. Morris</u>	Date 12-14-05	